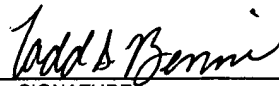


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 26317-00006 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/534594
INTERNATIONAL APPLICATION NO. PCT/EP03/12600	INTERNATIONAL FILING DATE November 11, 2003	PRIORITY DATE CLAIMED November 11, 2002
TITLE OF INVENTION Metal Electrode		
APPLICANT(S) FOR DO/EO/US Erik Flaxmeier et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Return Postcard		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/534594		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER 26317-00006	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee..... \$300				\$ 300	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200				\$ 200	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500				400	
TOTAL OF 21, 22 and 23 =				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	27 - 20 =	7	x \$ 50	\$ 350	
Independent claims	3 - 3 =		x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$
TOTAL OF ABOVE CALCULATIONS =				\$ 1050	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 1050	
				Amount to be refunded:	\$
				Amount to be charged:	\$ 1050
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1050</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-0265</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: Todd A. Benni McDonald Hopkins Co., LPA 600 Superior Ave E, Suite 2100 Cleveland, Ohio 44114					
				 SIGNATURE Todd A. Benni NAME 42,313 REGISTRATION NUMBER	

10/534594

JC14 R PCT/PTO 11 MAY 2005

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application:	Erik Flaxmeier	Group Art Unit:	Not yet assigned
Serial No.:	Not yet assigned	Examiner:	Not yet assigned
Filing Date:	May 11, 2005	Docket No.:	26317-00006
Title:	METAL ELECTRODE		

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

COVER SHEET FOR 35 U.S.C. § 371 APPLICATION

Dear Sir:

This is a cover sheet for the conversion of the above-referenced application under 35 U.S.C. §371 from International Patent Application Ser. No. PCT/EP03/12600 filed November 11, 2003. Enclosed herewith is the Transmittal Letter to the United States Designated Office; an English translation of the International Application; a second copy of the International Application; a check for \$1050; and a Preliminary Amendment. Applicant respectfully requests that the Preliminary Amendment be entered before the calculation of fees as said Amendment removes the multiple dependencies cancels several claims so that there are no more than 27 total claims.

PATENT
APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: Erik Flaxmeier Group Art Unit: Not yet assigned
Serial No.: Not yet assigned Examiner: Not yet assigned
Filing Date: May 11, 2005 Docket No.: 26317-00006
Title: METAL ELECTRODE

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

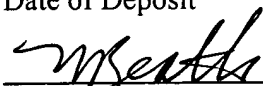
CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. 1.10

Dear Sir:

I hereby certify that the documents identified below were deposited personally by me with an employee of the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated below and is addressed to Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450

EV 667543420 US
Express Mail Label Number

May 11, 2005
Date of Deposit


Signature of Person Mailing Papers

Michelle Beatty
Name of Person Signing Certificate

Documents Enclosed:

1. Transmittal Letter to the United States Designated/Elected Office;
2. Cover Sheet for 35 U.S.C. §371 Application;
3. Preliminary Amendment; and
4. Copy of Published International Application.

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GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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(57) Abstract: The invention relates to a spreader structure (10) for insertion into a hollow organ, comprising spreader rods (12) that extend from a first connecting section (14) essentially in the longitudinal direction (36) of the spreader structure (10) to a second connecting section (16); these spreader rods — distributed over the circumference of the spreader structure (10) — can be positioned against a wall of the hollow organ by means of radial expansion. In order to provide a spreader structure (10) that is versatile and cost-effective to produce, the spreader rods (10) have at least one area (22) in the longitudinal direction that has less flexural stiffness than the adjacent areas (20, 24). The invention also relates to the use of said spreader structure, to a spreader device, and to a method for positioning a spreader structure.